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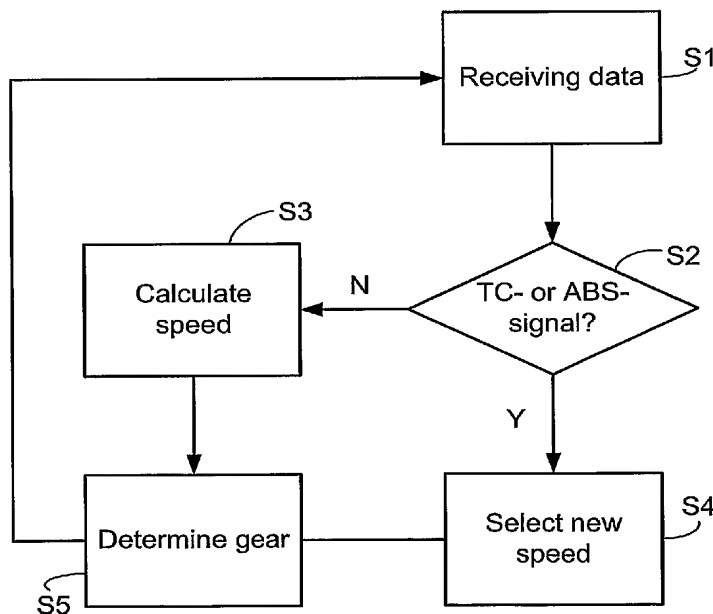
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(54) Title: GEAR SHIFTING SYSTEM



(57) Abstract: A method for determining a vehicle speed, e.g. for an automatic gear shifting system. The method comprises the steps of: determining if at least one driven wheel (6) is spinning or shows a tendency to spin and/or if the vehicle (1) is braked under influence of an antilock braking system, and determining the vehicle speed based on a rate of rotation of at least one non-driven wheel (10), a value of the vehicle speed received from a positioning system and/or a value of the vehicle speed received from a vehicle radar system (18), if either the at least one driven wheel is spinning or shows a tendency to spin or the vehicle is braked under influence of the antilock braking system. A vehicle, an electronic control unit, a computer program and a computer program product are also disclosed.

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